ATTACHMENT B
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-59. (Canceled)

60. (Currently Amended) A system for collecting and/or adjusting and/or manipulating data from a data stream generated at a point of sale terminal or peripheral, the system comprising:

a point of sale terminal in communication with at least one peripheral device, wherein the electronic data communicated is specific to the at least one peripheral device function, and wherein said data is generated by the device or ~~capable of receiving data generated by~~ said point of sale terminal, dependent on whether the device is an input device or an output device;

the system further comprising an intelligent interface in communication with the point of sale terminal and capable of intercepting said electronic data stream, from the point of sale terminal and without any alteration to the point of sale software program; the interface including an input and a first output in communication with the at least one peripheral device;

a processing station in communication with the interface and which receives data intercepted from said electronic data; and

a second output from the interface in communication with said data processing station,

wherein the interface is capable of interrupting said device specific electronic data transmitted between said point of sale terminal and said at least one peripheral device to adjust and/or compile at least a part of said electronic data stream to generate adjusted and/or compiled data, and wherein the adjusted and/or compiled data is transmitted to said at least one peripheral device via said interface, such that there is no adjustment to the point of sale software.

61. (Currently Amended) The system according to claim 60, wherein the processing station is a site controller capable of transmitting said adjusted data to at least one auxiliary processing station in communication with the processing station.

62. (Previously Presented) The system according to claim 61, wherein the at least one auxiliary processing station is capable of providing additional data to a point of sale peripheral device.

63. (Currently Amended) The system according to claim ~~63~~ 62, wherein the at least one auxiliary processing station may be located either at the point of sale or at a remote location.

64. (Previously Presented) The system according to claim 63, wherein the at least one auxiliary processing station is capable of performing tasks selected from at least one of the group consisting of validation of a customer coupon and voucher.

65. (Previously Presented) The system according to claim 60, wherein a source of the electronic data comprises a scanner.

66. (Currently Amended) The system according to claim 60, wherein a source of the electronic data comprises ~~a weigher~~ an electronic scale.

67. (Currently Amended) The system according to claim 60, wherein a source of the electronic data comprises a magnetic card reader.

68. (Previously Presented) The system according to claim 60, wherein a source of the electronic data comprises an electronic fund transfer point of sale scanner.

69. (Previously Presented) The system according to claim 60, wherein a source of the electronic data comprises a keyboard.

70. (Currently Amended) The system according to claim 60, wherein the at least one peripheral device in communication with the processing station via the intelligent interface is a secondary point of sale printer.

71. (Previously Presented) The system according to claim 70, further comprises a customer display.

72. (Previously Presented) The system according to claim 70, further comprises a lottery terminal.

73. (Previously Presented) The system according to claim 70, further comprises an electronic fund transfer point of sale device.

74. (Previously Presented) The system according to claim 60, wherein output data to said at least one peripheral device includes content that is pre-loaded into the interface.

75. (Previously Presented) The system according to claim 60, wherein the electronic data is provided by one or any combination of the following devices:

a) a scanner,

b) a keyboard, and

c) a magnetic card.

76. (Previously Presented) The system according to claim 60, wherein the intelligent interface enables data transmitted between said point of sale terminal and the at least one peripheral device to be intercepted for secondary adjustment, compilation or manipulation.

77. (Previously Presented) The system according to claim 60, wherein the intelligent interface is in communication with a remote server and the remote server is in

communication with a controller which links one or more remote sites to the remote server.

78. (Previously Presented) A system for interrupting data in a data stream passing between a point of sale terminal and at least one peripheral device, the system comprising:

an interface intermediate said point of sale terminal and said at least one peripheral device, the interface in communication with a first processing station, wherein the interface is capable of interrupting the data stream and transmitting said data to a first processing station; and

at least one auxiliary processing station from which data is obtained for use with adjusted and/or compiled data processed at the first processing station.

79. (Currently Amended) A system for adjusting device specific data intercepted from a point of sale data stream between a point of sale terminal and a peripheral device for receiving said data, the system comprising:

a point of sale terminal in communication with a printer capable of receiving said device specific data generated by said point of sale terminal;

an intelligent interface in communication with the point of sale terminal and without adjustment to the point of sale terminal, capable of intercepting said electronic data stream before it reaches said printer, the interface including an input and a first output in communication with the printer, the printer capable of performing at least one function responsive to said data stream; and

a first processing station in communication with the interface and which receives data intercepted from said electronic data stream via the interface to process said electronic data and return it via said interface to the printer.

80. (Previously Presented) The system according to claim 79, wherein the electronic data is adjusted and transmitted to an auxiliary processing station, wherein the auxiliary processing station is capable of uploading of customer data via the interface to the printer.

81. (Currently Amended) A system for controlling output data at a point of sale terminal, the system comprising:

a point of sale terminal at which device specific electronic sales data is generated forming a data stream between the terminal and a peripheral printer, the printer responsive to a point of sale computer and which performs at least one print function responsive to the data stream;

~~at least~~ an interface which is capable of interrupting the data stream between the ~~POS~~ point of sale computer and printer without adjustment to the point of sale computer so as to enable manipulation or compilation of said sales data from said data stream before allowing the printer to print said manipulated and/or adjusted data from the data stream,

wherein adjusted data ~~adjusted~~ is transmitted via the interface to an auxiliary processing station, and

wherein the auxiliary processing station is capable of uploading of statistical data and down loading configuration data to the printer.

82. (Previously Presented) The system according to claim 81, wherein the interface is in communication with a remote server and the remote server is in communication with a controller which links one or more remote sites to the remote server.

83. (Previously Presented) The system according to claim 82, wherein the interface is capable of adjusting said data in said data stream thereby allowing the printer to print data additional to or adjusted from data in the data stream.

84. (Previously Presented) The system according to claim 83, wherein the additional print data is based on point of sale information obtained by said interface directly or indirectly from the point of sale computer.

85. (Previously Presented) The system according to claim 84, wherein the point of sale computer terminal is a cash register which delivers a data stream to a receipt printer.

86. (Previously Presented) The system according to claim 85, wherein the sales data is manipulated, altered, augmented, amplified or otherwise adjusted via the intelligent interface which is either local to or remote from the printer.

87. (Previously Presented) The system according to claim 86, wherein there are a plurality of printers at a point of sale site and a controller at either the point of sale site or at a remote location thereby enabling control of multiple printers.

88. (Previously Presented) The system according to claim 81, wherein the intelligent interface connection is wireless.

89. (Currently Amended) The system according to claim 81, wherein the intelligent interface comprises software embedded in a point of sale computer that functions in conjunction with the point of sale software, but without alteration to the point of sale software.

90. (Currently Amended) A system for intercepting ~~a~~ an electronic device specific data stream which passes between a point of sale terminal and a peripheral device for receiving said data, the system comprising:

a point of sale terminal in communication with a printer capable of receiving device specific electronic data generated by said point of sale terminal;

an intelligent interface in communication with the point of sale terminal and without adjusting the point of sale terminal, the intelligent interface is capable of intercepting said electronic data before it reaches said printer, the interface including an input and a first output in communication with the printer, the printer capable of performing at least one function responsive to said data stream; and

a first processing station in communication with the interface and which receives data intercepted from said data stream via the interface to process said data and return it via said interface to the printer.

91. (Currently Amended) A method for collecting and/or adjusting and/or manipulating data from ~~a~~ an electronic data stream generated at a point of sale terminal, the method comprising:

a) providing a point of sale terminal in communication with at least one peripheral device capable of receiving data generated by said point of sale terminal;

b) providing an intelligent interface in communication with the point of sale terminal and ~~capable of~~ without adjustment to the point of sale terminal intercepting said electronic data, the interface including an input and a first output in communication with the at least one peripheral;

c) providing a first processing station in communication with the interface to receive data intercepted from said data stream;

d) providing a second output from the interface in communication with said data processing station;

e) setting the interface so that it interrupts device specific data transmitted between said point of sale terminal and said at least one peripheral;

f) adjusting and/or compiling at least a part of said data; and

g) transmitting the adjusted data to said at least one peripheral device via said interface.

92. (Previously Presented) The method according to claim 91, wherein the at least one system peripheral device is a remote printer.

93. (Previously Presented) The method according to claim 92, further comprises providing an interface modem connected between the point of sale terminal and printer.

94. (Previously Presented) The method according to claim 93, further comprises providing a software interface associated with the first processing station.

95. (Previously Presented) The method according to claim 93, wherein the software communicates with the data stream and intercepts and/or compiles and/or adjusts and/or manipulates the data for either storage or for subsequent delivery to a point of sale printer.

96. (Currently Amended) A method for processing data from a device specific electronic data stream generated between a point of sale terminal and at least one peripheral device and to enable amendment of said data prior to delivery of said data to said at least one peripheral device, the method comprising:

a) providing ~~a system comprising:~~

~~a source of electronic data at a point of sale terminal,~~

an input provided by the source of data and capable of transmission of said data to a first data processing station; and

an output in communication with said first data processing station;

b) placing a software interface intermediate said input from said source of electronic data and said first data processing station;

c) enabling the interface to interrupt data from said input before it reaches the first data processing station;

d) adjusting and/or compiling said data; and

e) delivering said adjusted and/or compiled data to at least one peripheral device.

97. (Previously Presented) The method according to claim 96, wherein the at least one peripheral device is a printer which prints data including processed data from the data stream and said adjusted, compiled or manipulated data.

98. (Currently Amended) A method of adjusting data in a device specific electronic data stream transmitted between a source of data from a point of sale terminal and a data printer associated with the point of sale, the method comprising:

a) providing a source of electronic data;

b) providing a printer in communication with said source of data and capable of performing at least one function responsive to said data stream; and

c) providing an intelligent interface between said source of data and ~~said~~ a printer, without adjustment to the point of sale terminal, wherein the intelligent interface interrupts ~~for interrupting~~ the data stream to enable the printer to thereby perform at least one additional print function.

99. (Currently Amended) A method for adjusting electronic data created at a point of sale terminal and printed by a point of sale printer such that the adjustment causes the printer to perform at least one function additional to its predetermined functions, the method comprising:

a) providing a source of electronic data as a data stream emanating from at least one computer ~~terminal~~ at the point of sale terminal ~~as a data stream~~;

b) providing at least one printer in communication with said computer terminal and which is capable of performing at least one function responsive to said data stream;

c) without adjustment to the point of sale terminal, connecting an intelligent interface between said source of data and said at least one printer for interrupting the data stream to enable the printer to thereby print data from the interface and/or from the source of data; and

d) providing a processing station in communication with said interface to enable manipulation/adjustment of said data before transmission back to said interface.

100. (Previously Presented) The method according to claim 99, wherein data is communicated between a central server and a site controller, which then disseminates the data via a wireless or wired network, or both, to the intelligent interface.

101. (Previously Presented) The method according to claim 99, wherein the output data to said printer includes content that is pre-loaded into the interface.

102. (Previously Presented) The method according to claim 99, wherein a potentially unlimited number of promotional features are included in the data by the use of the intelligent interface.

103. (Previously Presented) The method according to claim 99, wherein the processing station performs a function of auction of receipts containing graphic logos and static promotional material.

104. (Previously Presented) The method according to claim 99, wherein the processing station performs a function of production of receipts containing promotional material based on product(s) purchased.

105. (Previously Presented) The method according to claim 99, wherein the processing station performs a function of production of receipts containing promotional material based on time of purchase.

106. (Previously Presented) The method according to claim 99, wherein the processing station performs a function of auction of receipts containing graphic logos and static promotional material.

107. (Previously Presented) The method according to claim 99, wherein the processing station performs a following function of production of receipts containing promotional material based on total value of transaction.

108. (Previously Presented) The method according to claim 99, wherein the processing station performs a function of auction of receipts containing graphic logos and static promotional material.

109. (Previously Presented) The method according to claim 99, wherein the processing station performs a function of connecting to a remote network to obtain promotional or other material in real-time for inclusion in output data.

110. (Previously Presented) The method according to claim 99, wherein the remote processing station performs the function of the use of a connecting network to provide a means to update promotional material stored in the intelligent interface and any associated printer, and to update rules regarding the generation of output data.

111. (Previously Presented) The system according to claim 60, wherein the intelligent interface is capable of performing any one of the following functions:

a) generation of discount vouchers,

b) generation of discount vouchers with regard to product purchases,

c) implementation of a lottery where a lottery ticket is generated in response to a transaction value exceeding a threshold, and

d) implementation of a prize-draw promotion where a stub ticket is printed and a winner is drawn from a pool of entries.

112. (Previously Presented) The system according to claim 60, wherein the intelligent interface is capable of performing a potentially unlimited number of promotional features using an intelligent interface.

113. (Previously Presented) The system according to claim 60, wherein the intelligent interface is capable of enabling any one of or any combination of the following functions:

a) production of receipts containing graphic logos and static promotional material,

b) production of receipts containing promotional material based on product(s) purchased,

c) production of receipts containing promotional material based on time of purchase,

d) production of receipts containing promotional material based on total value of transaction,

e) the use of a connecting network to obtain promotional or other material in real-time for inclusion in output data,

f) the use of a connecting network to return statistical information to a network server,

g) the use of a connecting network to provide a means to readily update the promotional material stored in the intelligent interface and any associated printer, and

h) to update the rules regarding the generation of output data.

114. (Previously Presented) The system according to claim 60, wherein the intelligent interface is implemented as a piece of hardware external to an existing point of sale computer.

115. (Previously Presented) The system according to claim 60, wherein the intelligent interface comprises a software module within said point of sale computer working at a driver level to intercept and redirect data.